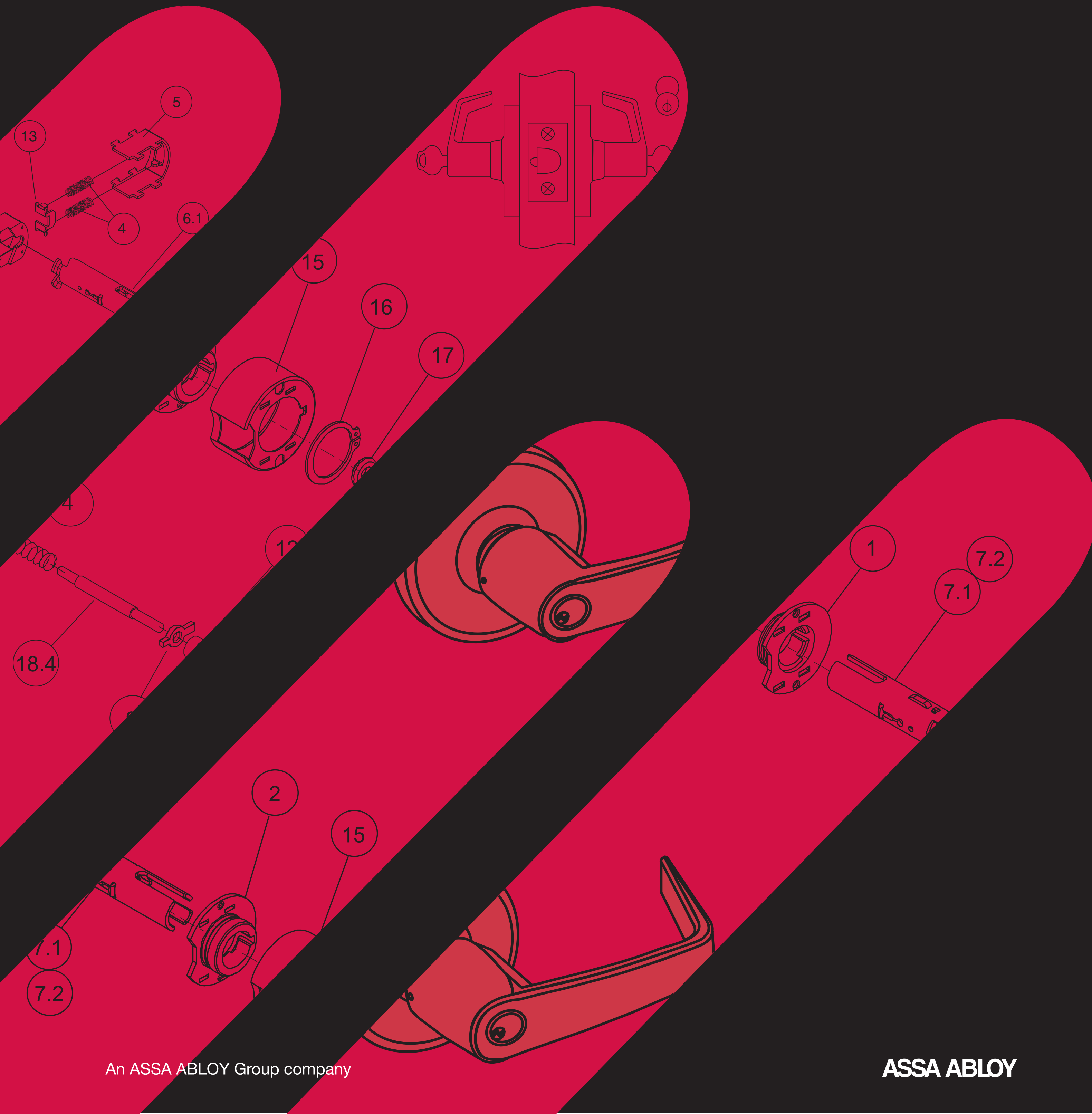
Corbin Russwin®

Cylindrical Lock

CL3300 Series

Parts Manual



An ASSA ABLOY Group company

ASSA ABLOY

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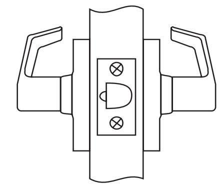
Lockset Parts (by function)

Accessories

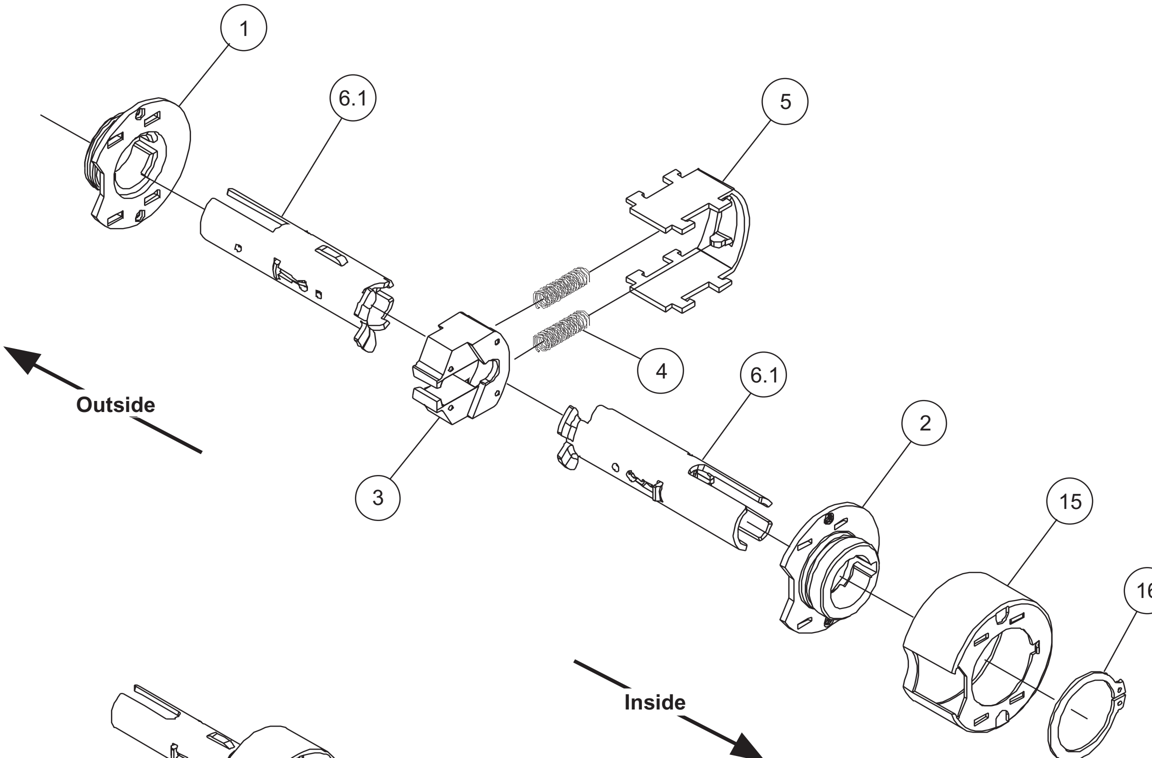
Reference

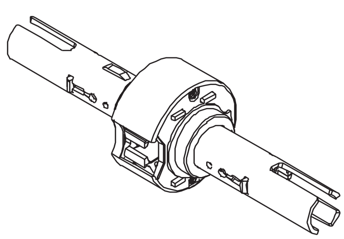
Parts/Service Manual

CL3310 Passage or Closet



Passage Lockset **F75**

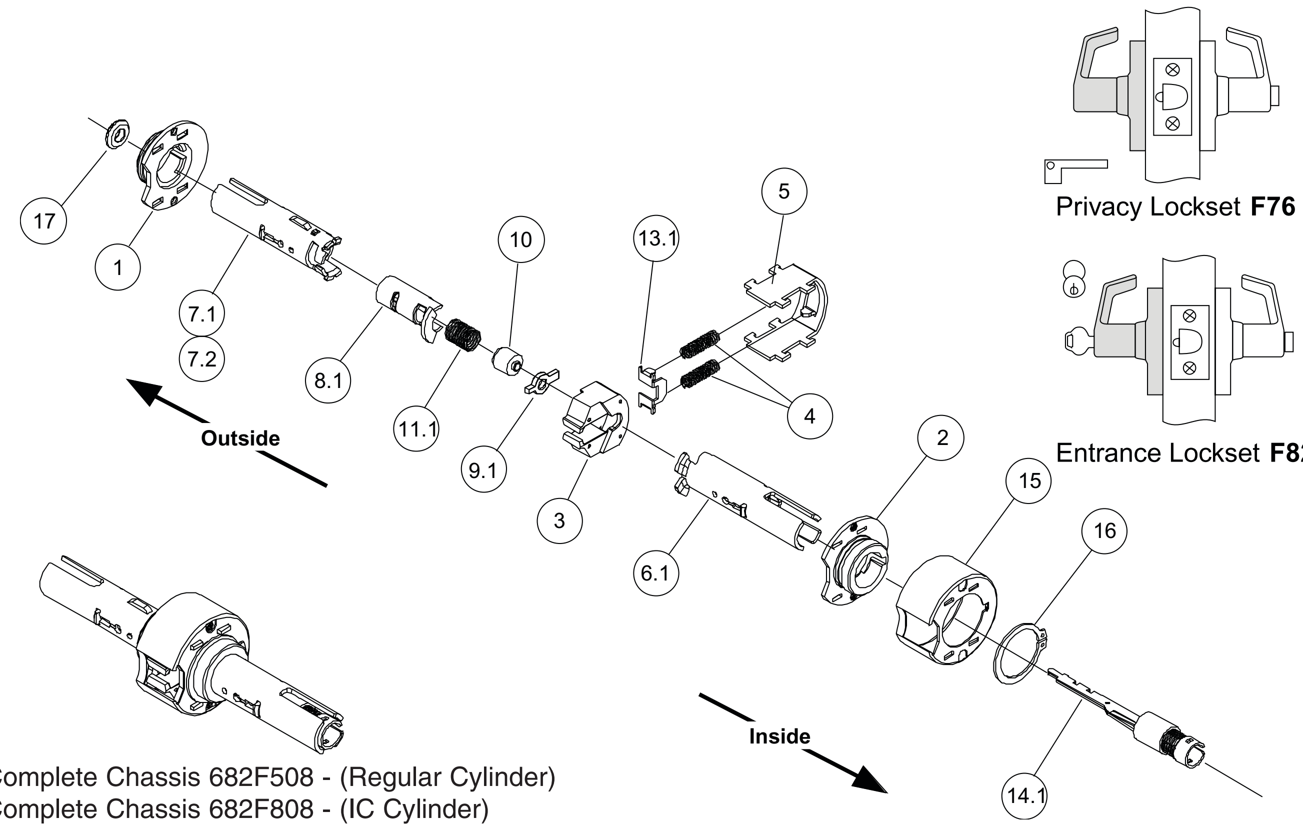




Complete Chassis 682F408

Item	Part Number	Description	Quantity
1	682F255	Flange O/S	1
2	683F265	Flange I/S	1
3	682F225	Retractor	1
4	678F417	Spring, Retractor	2
5	682F218	Frame	1
6.1	685F418	Rollback SA, Non-Locking	2
15	682F318	Housing, Chassis	1
16	678F428	Ring, Retaining	1

CL3320 Privacy, Bedroom or Bathroom
CL3361 Entry or Office



Privacy Lockset **F76**

Entrance Lockset **F82**

Complete Chassis 682F508 - (Regular Cylinder)
Complete Chassis 682F808 - (IC Cylinder)

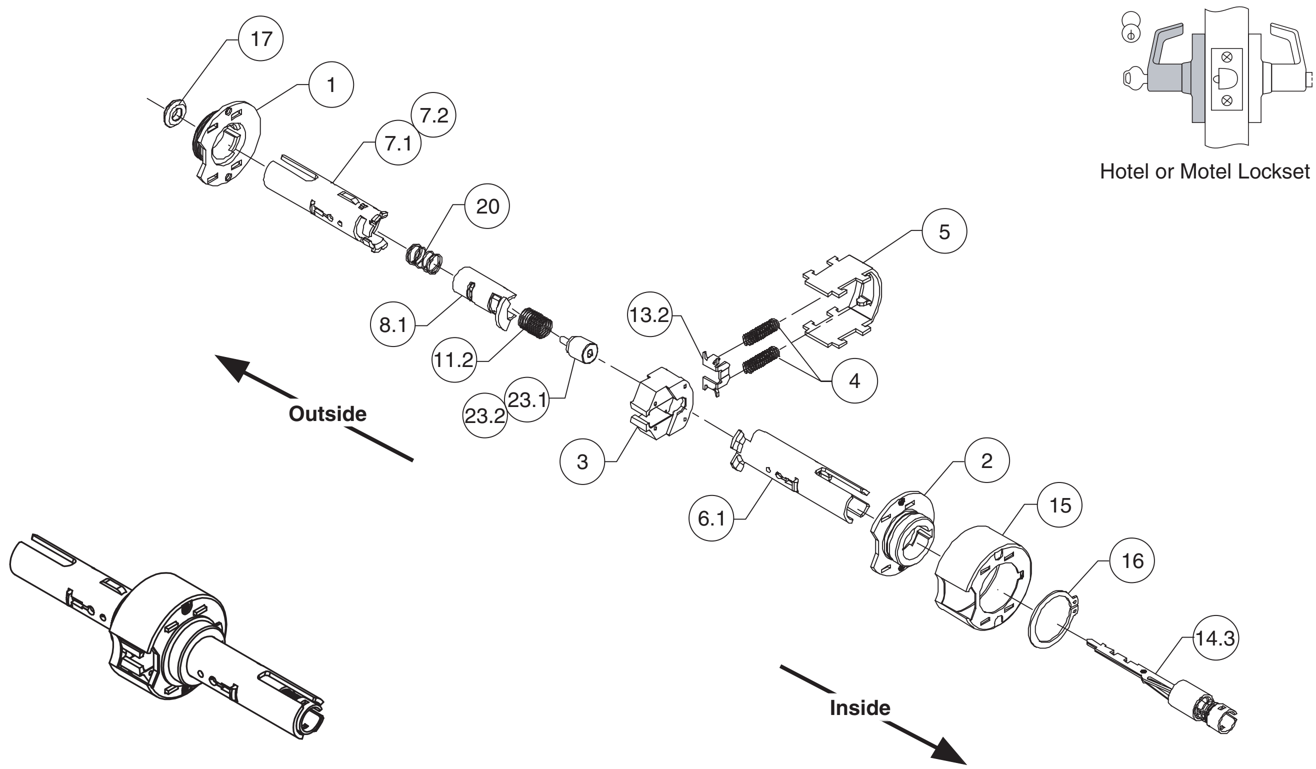
Features

Handing

Item	Part Number	Description	Quantity
1	682F255	Flange O/S	1
2	683F265	Flange I.S	1
3	682F225	Retractor	1
4	678F417	Spring, Retractor	2
5	682F218	Frame	1
6.1	685F418	Rollback SA, Non-Locking	2
7.1	682F328	Rollback SA, (for standard cylinder only)	1
7.2	682F378	Rollback SA, (for interchangeable core cylinder only)	1
8.1	682F235	Rollback, Auxiliary	1
9.1	682F288	Dog, Locking	1
10	584F779	Insert, Locking Dog	1
11.1	586F628	Spring, Chassis	1
13.1	678F288	Catch, Linkage Bar	1
14.1	586F838	Bar SA, Linkage	1
15	682F318	Housing, Chassis	1
16	678F428	Ring, Retaining	1
17	585F819	Insert, Support Cylinder (for standard cylinder only)	1

Device non-handed.

CL3329 Hotel or Motel



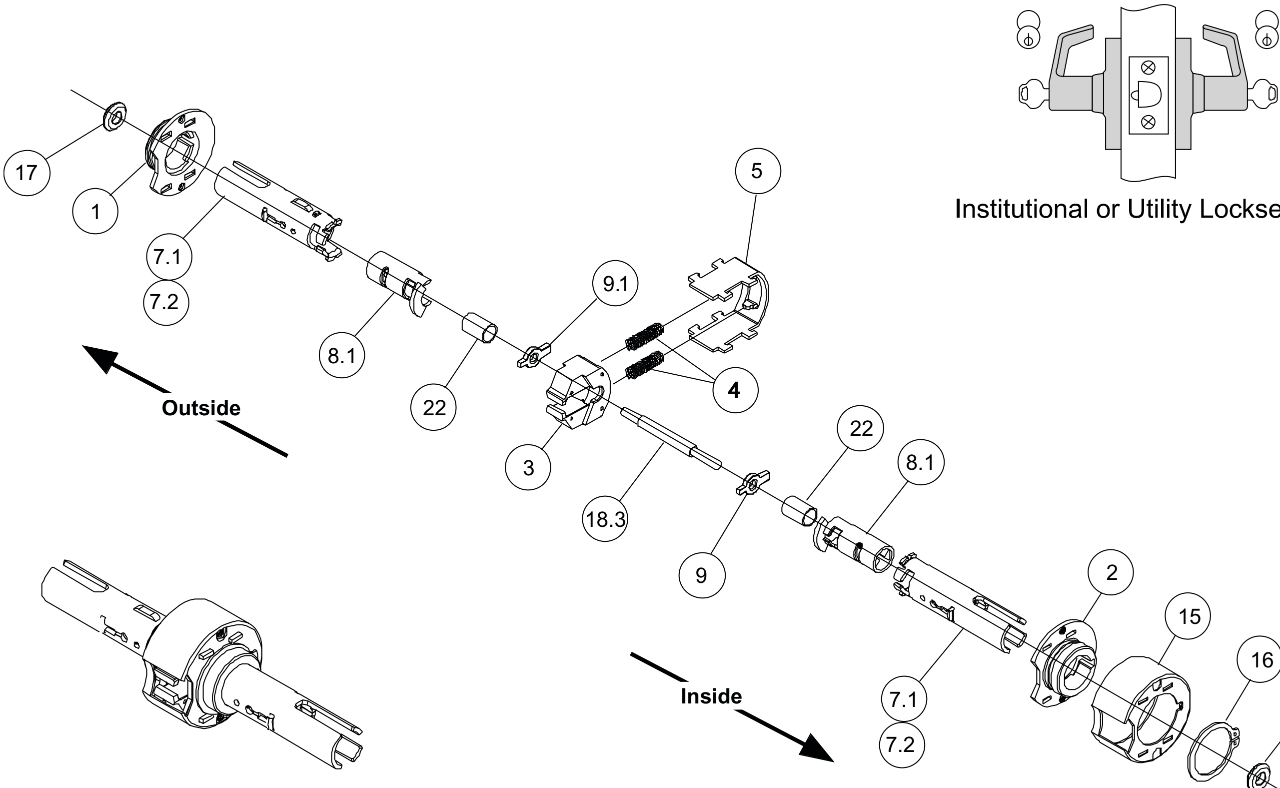
Hotel or Motel Lockset **F93**

Complete Chassis 682F468 - (Regular Cylinder)
Complete Chassis 682F768 - (IC Cylinder)

Item	Part Number	Description	Quantity
1	682F255	Flange O/S	1
2	682F265	Flange, I/S	1
3	682F225	Retractor	1
4	678F417	Spring, Retractor	2
5	682F218	Frame	1
6.1	685F418	Rollback SA, Non-Locking	2
7.1	682F328	Rollback SA, (for standard cylinder only)	1
7.2	682F378	Rollback SA, (for interchangeable core cylinder only)	1
8.1	682F235	Rollback, Auxiliary	1
11.1	596F808	Spring, Chassis	1
13.2	699F238	Catch, Linkage Bar	1
14.3	699F247	Bar SA, Linkage	1
15	682F318	Housing, Chassis	1
16	678F428	Ring, Retaining	1
17	585F819	Insert, Support Cylinder (for standard cylinder only)	1
20	699F207	Spring	1
23.1	699F218	Insert, Hotel, Standard Cylinder	1
23.2	699F228	Insert, Hotel, Interchangeable Core Cylinder	1

Corbin Russwin®

CL3332 Institutional or Utility

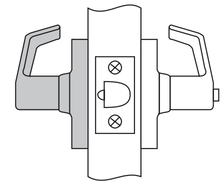


Institutional or Utility Lockset **F87**

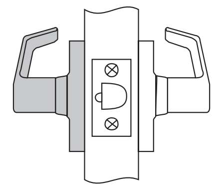
Complete Chassis 682F458 - (Regular Cylinder)
Complete Chassis 682F758 - (IC Cylinder)

Item	Part Number	Description	Quantity
1	682F255	Flange O/S	1
2	682F265	Flange, I/S	1
3	682F225	Retractor	1
4	678F417	Spring, Retractor	2
5	682F218	Frame	1
7.1	682F328	Rollback SA, (for standard cylinder only)	1
7.2	682F378	Rollback SA, (for interchangeable core cylinder only)	1
8.1	682F235	Rollback, Auxiliary	1
9.1	682F288	Dog Locking	1
15	682F318	Housing, Chassis	1
16	678F428	Ring, Retaining	1
17	585F819	Insert, Support Cylinder (for standard cylinder only)	1
18.3	678F378	Shaft (Utility)	1
22	584F858	Sleeve (Institution)	1

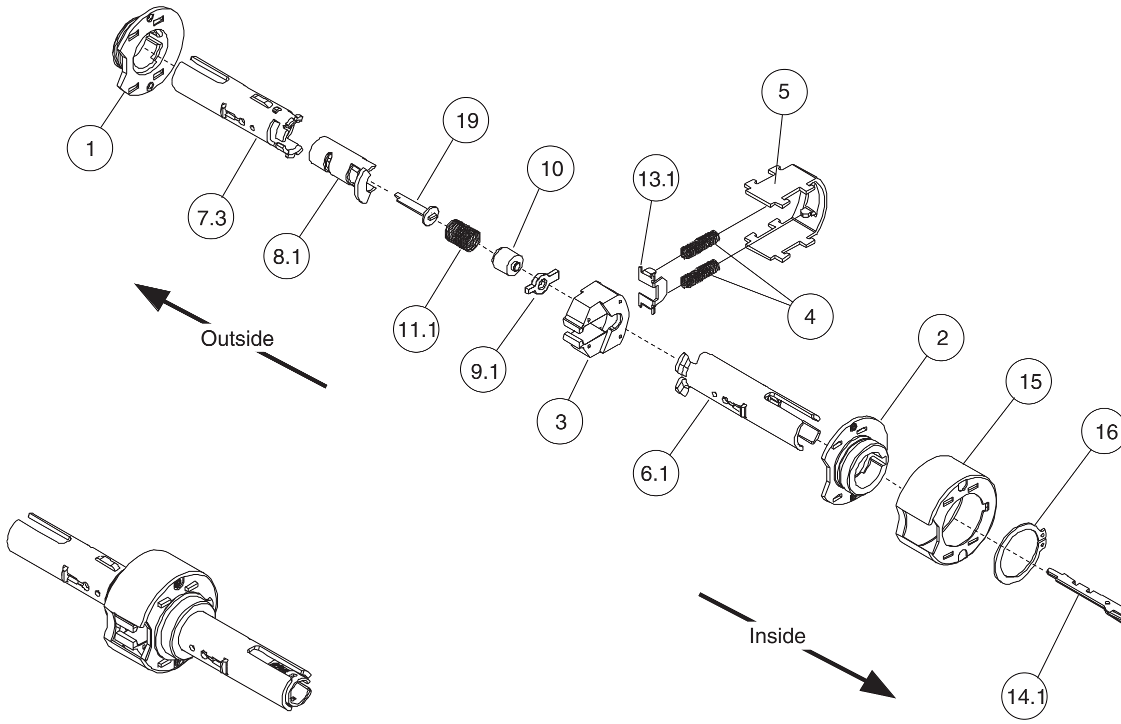
CL3340 Patio or Privacy
CL3340NT Exit Latch



Patio Lockset F77



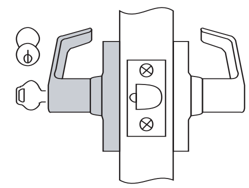
Exit Latch F89



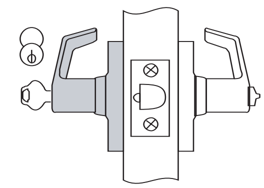
Complete Chassis 682F428

Item	Part Number	Description	Quantity
1	682F255	Flange O/S	1
2	682F265	Flange, I/S	1
3	682F225	Retractor	1
4	678F417	Spring, Retractor	2
5	682F218	Frame	1
6.1	685F418	Rollback SA, Non-Locking	2
7.1	682F328	Rollback SA, (for standard cylinder only)	1
7.2	682F378	Rollback SA, (for interchangeable core cylinder only)	1
8.1	682F235	Rollback, Auxiliary	1
11.1	596F808	Spring, Chassis	1
13.2	699F238	Catch, Linkage Bar	1
14.3	599F247	Bar SA, Linkage	1
15	682F318	Housing, Chassis	1
16	678F428	Ring, Retaining	1
17	585F819	Insert, Support Cylinder (for standard cylinder only)	1
20	699F207	Spring	1
23.1	699F218	Insert, Hotel, Standard Cylinder	1
23.2	699F228	Insert, Hotel, Interchangeable Core Cylinder	1

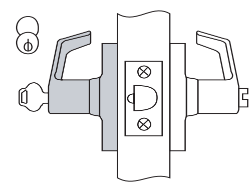
CL3351 Entrance or Office
CL3357 Storeroom
CL3393 Service Station



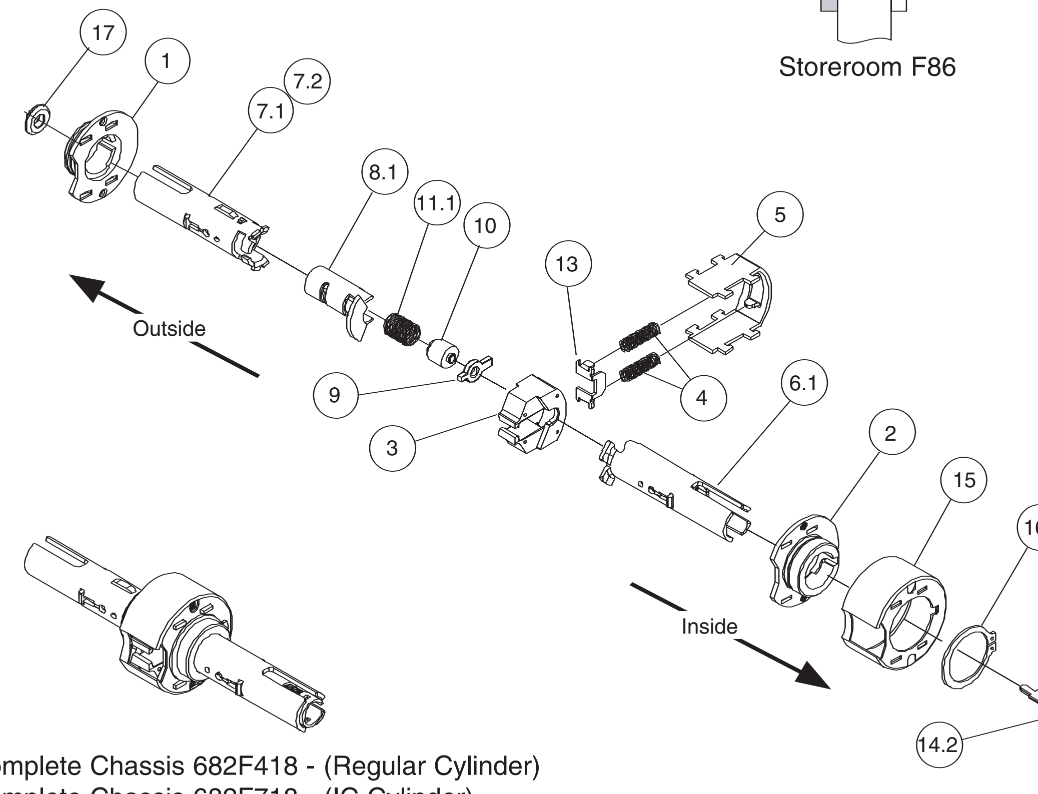
Storeroom F86



Entrance 109 ,



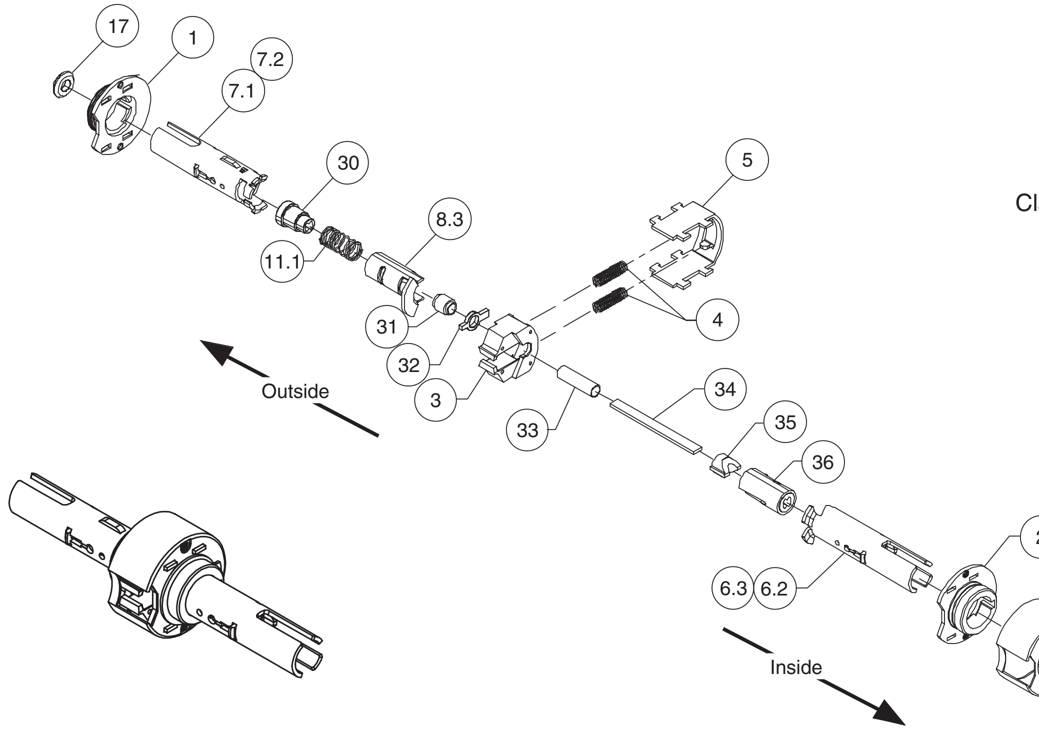
Service Station F92

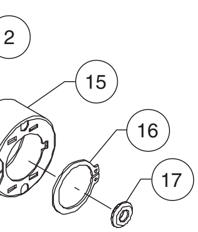


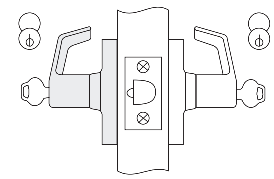
Complete Chassis 682F418 - (Regular Cylinder)
Complete Chassis 682F718 - (IC Cylinder)

Item	Part Number	Description	Quantity
1	682F255	Flange O/S	1
2	682F265	Flange, I/S	1
3	682F225	Retractor	1
4	678F417	Spring, Retractor	2
5	682F218	Frame	1
6.1	685F418	Rollback SA, Non-Locking	1
7.1	682F328	Rollback SA, (for standard cylinder only)	1
7.2	682F378	Rollback SA, (for interchangeable core cylinder only)	1
8.1	682F235	Rollback, Auxiliary	1
9.1	582F288	Dog, Locking	1
10	584F779	Insert, Locking Dog	1
11.1	586F628	Spring, Chassis	1
13.1	678F288	Catch, Linkage Bar	1
14.2	584F918	Bar SA, Linkage	1
15	682F318	Housing, Chassis	1
16	678F428	Ring, Retaining	1
17	585F819	Insert, Support Cylinder (for standard cylinder only)	1

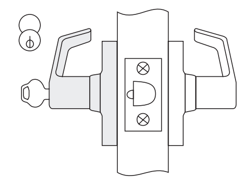
CL3352 Intruder
CL3355 Classroom







Classroom Intruder Lockset F84

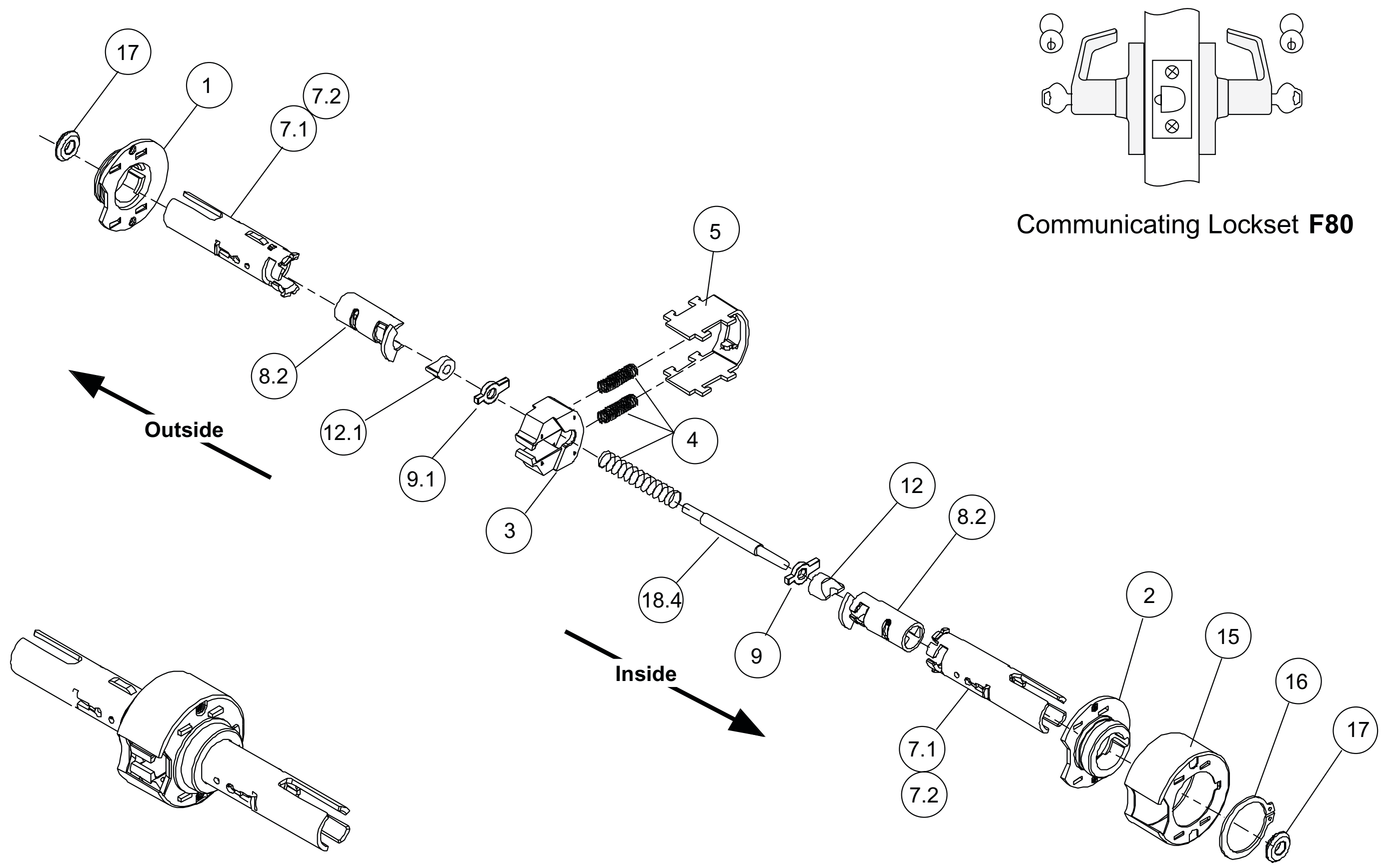


Classroom Lockset F84

CL3352 Complete Chassis 697F528 - (Regular Cylinder)
CL3352 Complete Chassis 697F538 - (IC Cylinder)
CL3355 Complete Chassis 697F498 - (IC Cylinder)

Item	Part Number	Description	Quantity
1	682F255	Flange O/S	1
2	682F265	Flange, I/S	1
3	682F225	Retractor	1
4	678F417	Spring, Retractor	2
5	682F218	Frame	1
6.2	685F428	Rollback, SA	1
6.3	685F448	Rollback, SA (for standard cylinder)	1
7.1	682F328	Rollback, SA (for interchangeable core cylinder)	1
8.3	682F245	Rollback, Auxiliary SA	1
9.2	597F468	Dog, Locking	1
11.1	586F628	Spring, Chassis	1
12.2	697F455	Follower, CAM	1
15	682F318	Housing, Chassis	1
16	678F428	Ring, Retaining	1
17	585F819	Insert, Support Cylinder (for standard cylinder)	1
21	687F409	Spacer	1
26.1	697F475	CAM and Tube Assembly	1
29	697F425	Driver, O/S	1
30	697F412	Tube	1
31	697F448	Bar, Locking	1

CL3362 Communicating

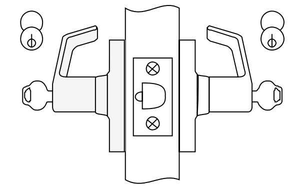


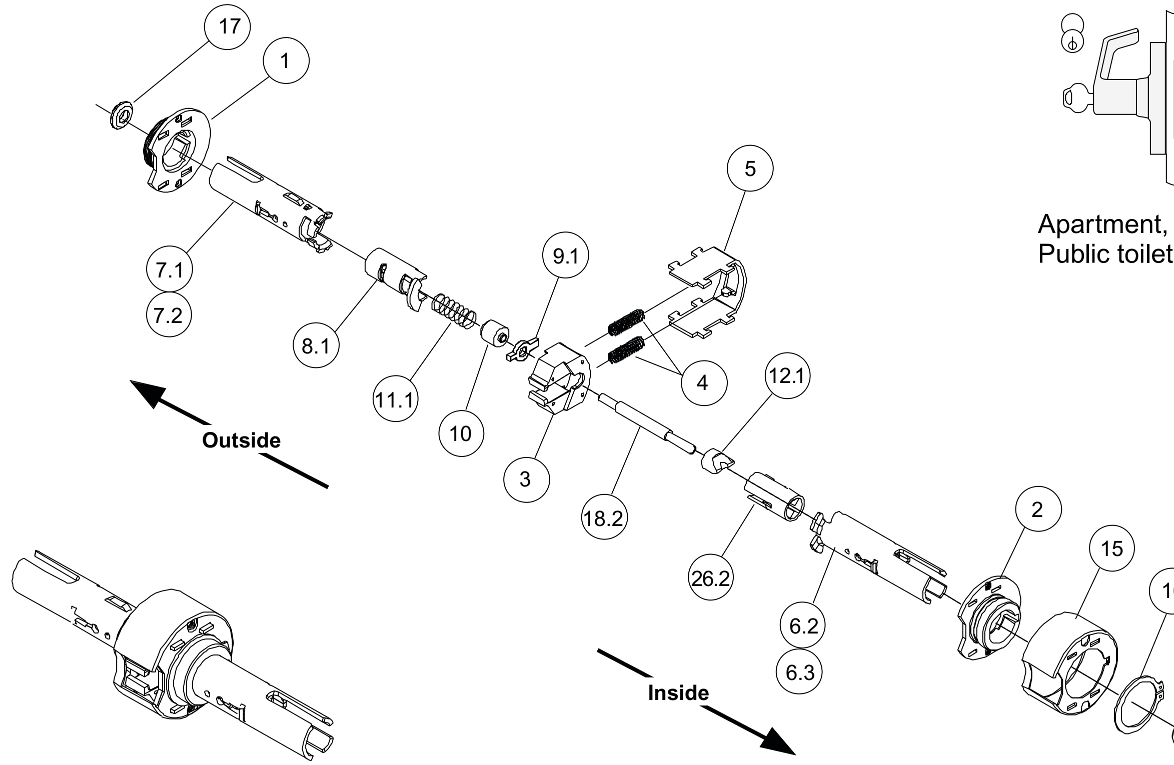
Communicating Lockset **F80**

Complete Chassis 682F448 - (Regular Cylinder)
Complete Chassis 682F748 - (IC Cylinder)

Item	Part Number	Description	Quantity
1	682F255	Flange O/S	1
2	682F265	Flange, I/S	1
3	682F225	Retractor	1
4	678F417	Spring (2 for Retractor)	3
5	682F218	Frame	1
7.1	682F328	Rollback SA, (for standard cylinder only)	2
7.2	682F378	Rollback SA, (for interchangeable core cylinder only)	2
8.2	682F235	Rollback, Auxiliary SA	2
9.1	582F288	Dog, Locking	2
12.1	678F355	Follower CAM	2
15	682F318	Housing, Chassis	1
16	678F428	Ring, Retaining	1
17	585F819	Insert, Support Cylinder (for standard cylinder only)	2
18.4	678F388	Shaft (Communication)	1

CL3372 Apartment, Exit or Public Toilet

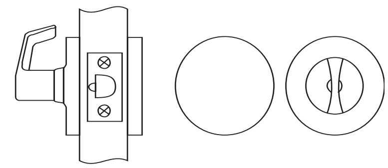




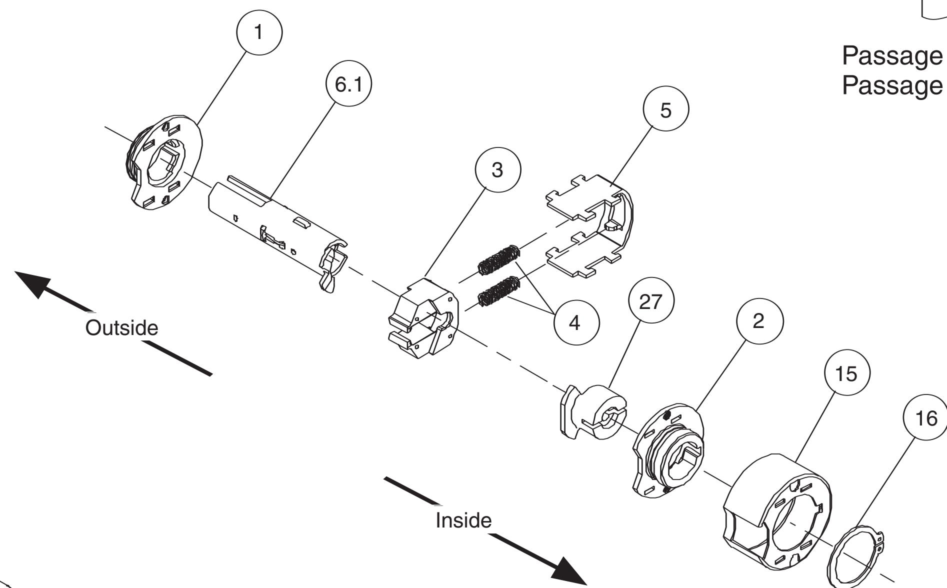
Complete Chassis 682F478 - (Regular Cylinder)
Complete Chassis 682F778 - (IC Cylinder)

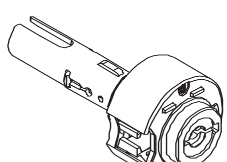
Item	Part Number	Description	Quantity
1	682F255	Flange O/S	1
2	682F265	Flange, I/S	1
3	682F225	Retractor	1
4	678F417	Spring, Retractor	2
5	682F218	Frame	1
6.2	685F428	Rollback SA, (for standard cylinder only)	1
6.3	685F448	Rollback SA, (for interchangeable core cylinder only)	1
7.1	682F328	Rollback, SA (for standard cylinder only)	1
7.2	682F378	Rollback, SA (for interchangeable core cylinder only)	1
8.1	682F235	Rollback, Auxiliary	1
9.1	682F288	Dog, Locking	1
10	584F779	Insert, Locking Dog	1
11.1	586F628	Spring, Chassis	1
12.1	678F355	Follower, CAM	1
15	682F318	Housing, Chassis	1
16	678F428	Ring, Retaining	1
17	585F819	Insert, Support Cylinder (for standard cylinder only)	1
18.2	678F368	Shaft, Apartment	1
26.2	697F555	CAM and Tube Assembly	1

CL3380 Passage Lever x Blank Plate
CL3390 Passage Lever x Turnpiece



Passage Lever x Blank Plate
Passage Lever x Turnpiece

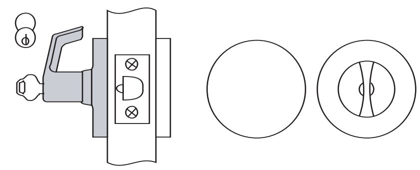




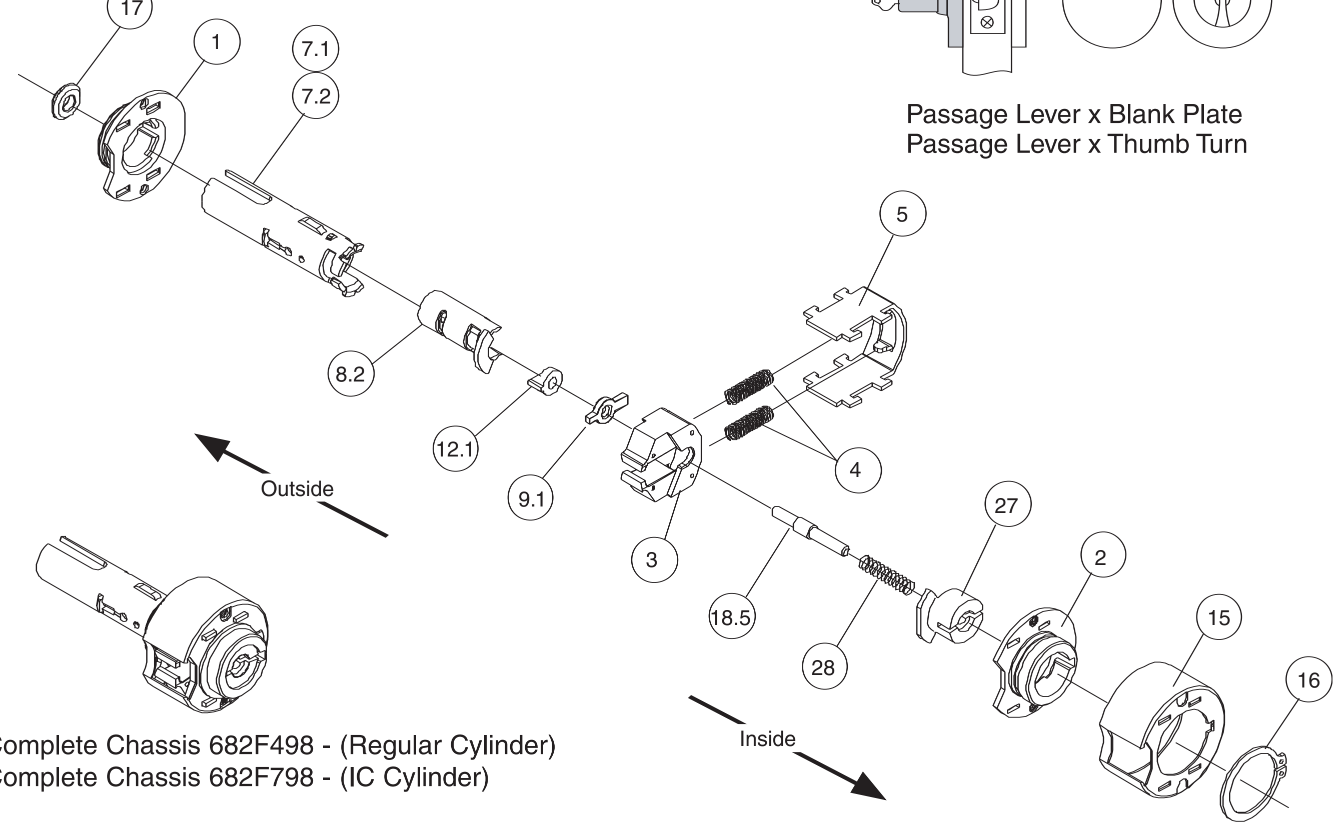
Complete Chassis 682F488

Item	Part Number	Description	Quantity
1	682F255	Flange O/S	1
2	682F265	Flange, I/S	1
3	682F225	Retractor	1
4	678F417	Spring, Reactor	2
5	682F218	Frame	1
6.1	685F418	Rollback SA	1
15	682F318	Housing, Chassis	1
16	678F428	Ring, Retaining	1
27	584F908	Driver, Thumbturn	1

CL3381 Keyed Lever x Blank Plate
CL3391 Keyed Lever x Turnpiece



Passage Lever x Blank Plate
Passage Lever x Thumb Turn



Complete Chassis 682F498 - (Regular Cylinder)
Complete Chassis 682F798 - (IC Cylinder)

Item	Part Number	Description	Quantity
1	682F255	Flange O/S	1
2	682F265	Flange, I/S	1
3	682F225	Retractor	1
4	678F417	Spring, Retractor	2
5	682F218	Frame	1
7.1	682F328	Rollback SA, (for standard cylinder only)	1
7.2	682F378	Rollback SA, (for interchangeable core cylinder only)	1
8.2	682F335	Rollback, Auxiliary SA	1
9.1	682F288	Dog, Locking	1
12.1	678F355	Follower, CAM	1
15	682F318	Housing, Chassis	1
16	678F428	Ring, Retaining	1
17	585F819	Insert, Support Cylinder (for standard cylinder only)	1
18.2	678F368	Shaft, Apartment	1
26.2	697F555	CAM and Tube Assembly	1
28	547F988	Spring, Lever	1

How to Order Parts

To order parts, use the appropriate Part Number and specify Finish (fin) as directed. For example, to order ten plain levers in 626 finish, use the following configuration:

- ❑ In oder to simplify the ordering procedure, parts are only available as listed.
- ❑ Refer to the installation instructions for complete installation.
- ❑ For assistance, contact your authorized Corbin Russwin distributor or Corbin Russwin directly at the address on the back cover.

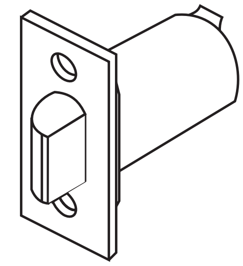
Quantity	Part Number	Finish
10	563F945	626

Item	Part No.	Description	CL3310	CL3320	CL3329	CL3332	CL3340	CL3340NT	CL3351	CL3352	CL3355	CL3357	CL3361	CL3362	CL3372	CL3380	CL3381	CL3390	CL3391	CL3393
1	682F255	Flange O/S	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	682F265	Flange I/S	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	682F225	Retractor	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	678F417	Spring, Retractor	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2
5	682F218	Frame	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6.1	685F418	Rollback SA, Non-Locking	2	1	1		1	1	1			1	1			1		1		1
6.2	685F428	Rollback SA, (for std. cylinder)								1	1				1					
6.3	685F448	Rollback SA, (for IC core cylinder)								1	1				1					
7.1	682F328	Rollback SA, (for std. cylinder)		1	1	2			1	1	1	1	1	2	1		1		1	1
7.2	682F378	Rollback SA, (for IC core cylinder)		1	1	2			1	1	1	1	1	2	1		1		1	1
7.3	682F388	Rollback SA					1	1												
8.1	682F235	Rollback, Auxiliary		1	1	2	1	1	1			1	1		1					1
8.2	682F335	Rollback, Auxiliary SA												2			1		1	
8.3	682F245	Auxiliary Rollback								1	1									
9	682F288	Dog, Locking		1		2	1	1	1			1	1	2	1		1		1	1
10	584F779	Insert, Locking Dog		1			1	1	1			1	1		1					1
11.1	586F628	Spring, Chassis		1			1	1	1	1	1	1	1		1					1
11.2	586F808	Spring, Chassis			1															
12	678F355	Follower CAM												2	1		1		1	
13	678F288	Catch, Linkage Bar		1			1	1	1			1	1							1
14.1	586F838	Bar SA, Linkage		1			1	1					1							
14.2	284F918	Bar SA, Linkage							1			1								1
14.3	699F247	Bar SA, Linkage			1															
15	382F318	Housing, Chassis	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	678F428	Ring, Retainer	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	585F819	Insert, Support Cylinder (for std. cylinder)		1	1	2			1	2	2	1	1	2	2		1		1	1
18.1	678F308	Shaft (Classroom)																		
18.2	678F368	Shaft (Apartment)													1					
18.3	678F378	Shaft (Utility)				1														
18.4	678F388	Shaft (Communication)												1						
18.5	584F898	Shaft															1		1	
19	584F938	Tailpiece SA, Patio					1	1												
20	199F928	Spring																		
21	584F839	Guide, Shaft																		
22	584F858	Sleeve (Institution)				2														
23.1	699F218	Insert, Hotel (std. cylinder)			1															
23.2	699F228	Insert, Hotel, (IC core cylinder)			1															
26	697F555	CAM and Tube Assembly													1					
27	584F908	Driver, Thumbturn														1	1	1	1	
28	547F988	Spring, Lever															1		1	
29	699F238	Catch Bar			1															
30	697F425	Driver, Outside								1	1									
31	697F409	Spacer								1	1									
32	697F468	Dog, Locking								1	1									
33	697F412	Tube								1	1									
34	697F448	Bar, Locking								1	1									
35	697F458	Follower, CAM								1	1									
36	697F465	CAM and Tube SA								1	1									

Latches

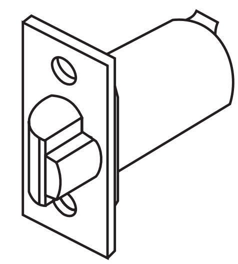
Plain Latch

Part No.	Front	Front Width	Bracket
586F16	Square Corner	1-1/8" (29mm)	2-3/4" (70mm)
596F66	Rounded Corner	1-1/8" (29mm)	2-3/4" (70mm)
586F80	Square Corner	1-1/8" (29mm)	3-3/4" (95mm)
586F86	Rounded Corner	1-1/8" (29mm)	3-3/4" (95mm)
598F20	Square Corner	1-1/8" (29mm)	5" (127mm)
601F24	Rounded Corner	1-1/8" (29mm)	5" (127mm)


PLAIN

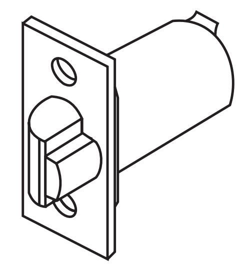
Deadlocking Latch

Part No.	Front	Front Width	Bracket
586F17	Square Corner	1-1/8" (29mm)	2-3/4" (70mm)
596F67	Rounded Corner	1-1/8" (29mm)	2-3/4" (70mm)
586F81	Square Corner	1-1/8" (29mm)	3-3/4" (95mm)
586F87	Rounded Corner	1-1/8" (29mm)	3-3/4" (95mm)
598F21	Square Corner	1-1/8" (29mm)	5" (127mm)
601F25	Rounded Corner	1-1/8" (29mm)	5" (127mm)


DEADLOCKING

Throw-Off Latch

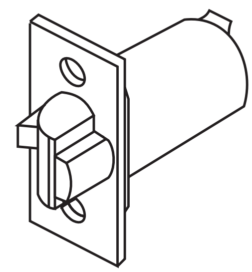
Part No.	Front	Front Width	Bracket
586F17	Square Corner	1-1/8" (29mm)	2-3/4" (70mm)
586F82	Square Corner	1-1/8" (29mm)	3-3/4" (95mm)
586F88	Rounded Corner	1-1/8" (29mm)	3-3/4" (95mm)
598F22	Square Corner	1-1/8" (29mm)	5" (127mm)
601F26	Rounded Corner	1-1/8" (29mm)	5" (127mm)


THROW-OFF

3/4" Throw Deadlocking Fire Latch

Part No.	Front	Front Width	Bracket
601F69	Square Corner	1-1/8" (29mm)	2-3/4" (70mm)

When ordering latchbolt, specify Part No. x Finish (e.g., 586F16 x 626)

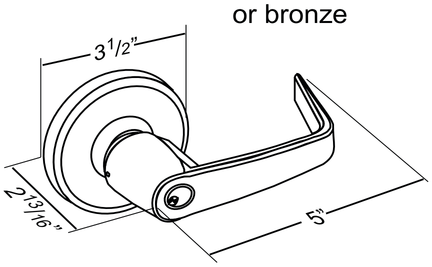

3/4" THROW
DEADLOCKING
FIRE LATCH
for Pair of Doors

Lever Designs

Newport

NZD Lever: Die cast zinc
Rose: Wrought brass or bronze

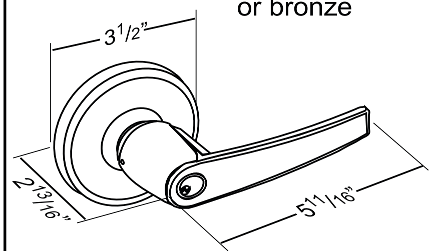
NSD Lever: Cast bronze
Rose: Wrought brass or bronze



Armstrong

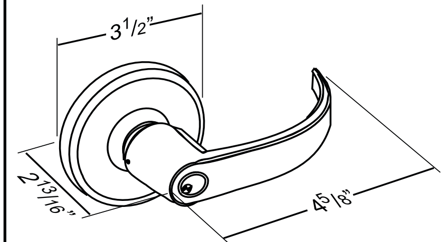
AZD Lever: Die cast zinc
Rose: Wrought brass or bronze

ASD Lever: Cast bronze
Rose: Wrought brass or bronze



Princeton*

PZD Lever: Die cast zinc
Rose: Wrought brass or bronze



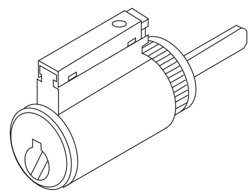
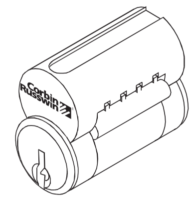
Levers for Doors 1-3/4" - 2" Doors

Application	NZD	AZD	PZD
Plain	563F945	563F885	685F505
Cylinder or Button	563F955	563F895	685F515
Intruder	714F065	714F005	714F095
Emergency Key Hole	563F965	563F905	685F525
I/C Cylinder - 6 Pin	585F715	585F705	685F535
I/C Cylinder - 6 Pin Intruder	714F335	714F305	714F665
I/C Cylinder - 7 Pin	600F415	600F425	685F545
I/C Cylinder - 7 Pin Intruder	714F375	714F315	714F675
Best® Cylinder Cutout	596F825	NA	685F555
Best Cylinder Cutout Intruder	714F425	NA	714F755
Schlage® IC Cylinder Cutout	690F975	N/A	691F035
Schlage IC Cylinder Cutout - Intruder	714F455	NA	714F785
Sargent® Cylinder Cutout	578F435	695F075	685F305
Sargent Cylinder Cutout - Intruder	714F125	715F035	714F725

Levers for Doors 2" - 2-1/4" Doors

Application	NZD	AZD	PZD
Plain	684F825	684F775	685F705
Cylinder or Button	684F835	684F785	685F715
Intruder	714F215	714F155	714F245
Emergency Key Hole	684F845	684F795	685F725
I/C Cylinder - 6 Pin	684F865	684F805	685F735
I/C Cylinder - 6 Pin Intruder	714F545	714F435	714F815
I/C Cylinder - 7 Pin	684F875	684F815	685F745
I/C Cylinder - 7 Pin Intruder	714F555	714F495	714F825
Best Cylinder Cutout	684F885	NA	685F755
Best Cylinder Cutout Intruder	714F605	NA	714F905
Schlage IC Cylinder Cutout	690F985	NA	691F045
Schlage IC Cylinder Cutout - Intruder	714F635	NA	714F935
Sargent Cylinder Cutout	684F855	697F995	685F315
Sargent Cylinder Cutout - Intruder	714F275	714F185	714F875

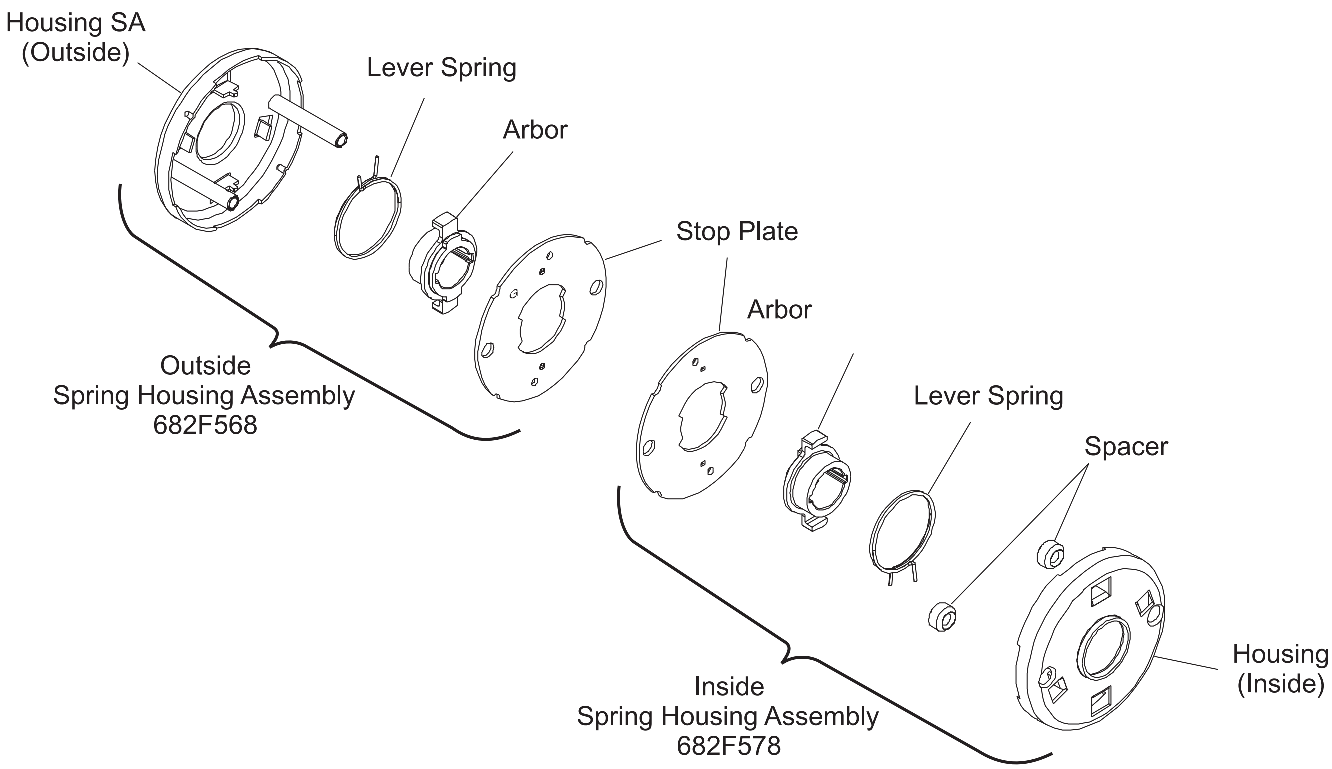
Cylinders

		
	.496" plug dia. Pyramid .509" plug dia. conventional .552" plug dia. security Brass, 6-pin 2 nickel silver keys Finishes: 606, 626	.496" plug dia. Pyramid .509" plug dia. conventional .552" plug dia. security Brass, 6-pin 2 nickel silver keys Finishes: 606, 626, 611, 612, 613, 625, 626

	Standard Cylinder	**Interchangeable Core**
Conventional 6-Pin	2000-033 (Std.)	8000
Conventional 7-Pin	2000-033-7	8000-7
Emhart Security	2010-033	8010
Hotel 6-Pin	2001-034	8001-034
Hotel 7-Pin	2001-034-7	8001-034-7
Pyramid Security	2027-033	8027
Pyramid High Security	2020-033	8020
Schlage® C Keyway	2400-033-C	NA
Schlage C-K Keyway	2400-033-CK	NA
Sargent® LA Keyway	2400-033-LA	NA

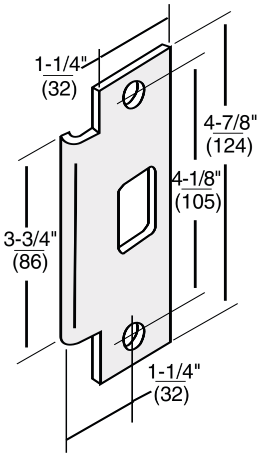
Compatibility with Competitive Cylinders

Competitive Cylinders	Parts Required for Installation
Schlage conventional 21-002, 23-001 or 23-013	682F39-8 Tailpiece included with M06 options.
Schlage Primus 20-548, 20-78 or 20-750	682F39-8 Tailpiece included with M06 options.
Best® style core, 6 or 7 Pin	682F95-8 specify option M08 Accommodates 6 and 7 pin cores
Sargent 13-3268	682F96-9 Tailpiece Kit and Special Lever specify option M09
Schlage IC Core	697F942 Tailpiece and Special Lever specify option M69



Corbin Russwin

Strikes

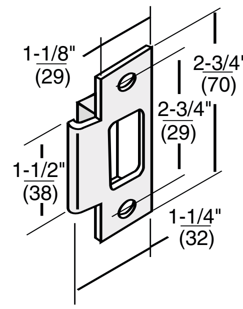


ANSI Curved Lip (standard)

Brass or bronze
4-7/8" (124mm) x 1-1/4" (32mm) x 1-1/4" (32mm) lip to center

Optional lip lengths: 1" (25mm), 1-1/8" (29mm), 1-3/8" (35mm), 1-1/2" (38mm), 1-3/4" (44mm), 2" (51mm), 2-1/2" (57mm), 2-1/2" (63mm), 2-3/4" (70mm), 3" (76mm)

To order, specify 217L13 x Lip Length x Finish.

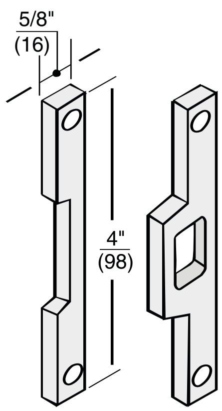


Curved Lip Box

Brass or bronze
2-3/4" (70mm) x 1-1/8" (29mm) x 1-1/4" (32mm) lip to center

Optional lip lengths: 1" (25mm), 1-1/8" (29mm), 1-3/8" (35mm), 1-1/2" (38mm), 1-3/4" (44mm), 2" (51mm), 2-1/2" (57mm), 2-1/2" (63mm), 2-3/4" (70mm), 3" (76mm)

To order, specify 586L19 x Lip Length x Finish.

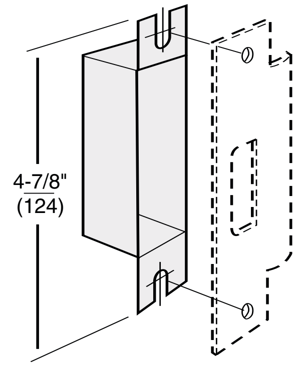


Rabbeted Front and Strike

Brass or bronze
4" (102mm) x5/8" (16mm) for 1/2" (13mm) rabbet

No Optional lip lengths

To order, specify 601F28 xFinish.



ANSI Wrought Strike Box

To order, specify 120F 76-8.

Rose Liners	
678F248	Outside Rose Liners - Doors 1-3/4" - 2" Thick
678F498	Outside Rose Liners - Doors over 2" Thick
678F238	Inside Rose Liners - Doors 1-3/4" - 2" Thick
678F488	Inside Rose Liners - Doors over 2" Thick
Housing Assembly - Dummy Trim	
686F858	Housing Assembly - Inside Dummy Trim - CL3350, CL3370
686F868	Housing Assembly - Outside Dummy Trim - CL3370
Roses/Thumbturns	
678F25 x finish	Rose (Inside & Outside)
598F59 x finish	Rose Blank Plate - CL3380, CL3390
586F51 x finish	Thumbturn Assembly - Doors 1-3/4" - 2" thick - CL3390, CL3391
686F88 x finish	Thumbturn Assembly - Doors over 2" thick - CL3390, CL3391
Buttons	
585F76 x finish	Turnbutton - CL3351
585F77 x finish	Push button - CL3320, CL3340, CL3361
585F78 x finish	Hotel Button - CL3329
585F79 x finish	Slotted Button - CL3393
Screw Packets	
604F22 x finish	Latch & ANSI Strike - Phillips head
604F23 x finish	Latch & ANSI Strike - Spanner head
604F24 x finish	Latch & ANSI Strike - Torx® head
604F25 x finish	Latch & ANSI Strike - Hex Socket head
604F26 x finish	Latch & T-Strike - Phillips head
604F27 x finish	Latch & T-Strike - Spanner head
604F28 x finish	Latch & T-Strike - *Torx* head
604F29 x finish	Latch & T-Strike - Hex Socket head
480F68 x finish	Rabbetted Strike - Phillips head
596F61 x finish	Rabbetted Strike - Spanner head
596F62 x finish	Rabbetted Strike - *Torx* head
596F63 x finish	Rabbetted Strike - Hex Socket head
Mounting Packets	
682F208	All other functions - Doors 1-3/4" - 2" Thick
682F618	All other functions - Doors over 2" Thick
682F628	CL3380,CL3381- Doors 1-3/4" - 2" Thick
682F638	CL3380,CL3381- Doors over 2" Thick
682F64 x finish	CL3390, CL3391-Doors 1-3/4"-2" Thick - Phillips head
682F67 x finish	CL3390,CL3391- Doors 1-3/4" - 2" Thick - Spanner head
682F68 x finish	CL3390,CL3391- Doors 1-3/4" - 2" Thick - *Torx* head
682F69 x finish	CL3390,CL3391- Doors 1-3/4" - 2" Thick - Hex Socket head
682F65 x finish	CL3390,CL3391- Doors over 2" Thick - Phillips head
682F86 x finish	CL3390,CL3391- Doors over 2" Thick - Spanner head
682F87 x finish	CL3390,CL3391- Doors over 2" Thick - *Torx* head
682F88 x finish	CL3390,CL3391- Doors over 2" Thick - Hex Socket head
684F44 x finish	CL3350 Half Dummy Trim - Phillips head
684F45 x finish	CL3350 Half Dummy Trim - Spanner head
684F46 x finish	CL3350 Half Dummy Trim - *Torx* head
684F47 x finish	CL3350 Half Dummy Trim - Hex Socket head
684F528	CL3370 Full Dummy Trim
Emergency Release Tool	
596F548	CL3320 Emergency Release Tool
IC Driver Packet	
682F918	IC Driver & Spacer Packet

Installation Instructions

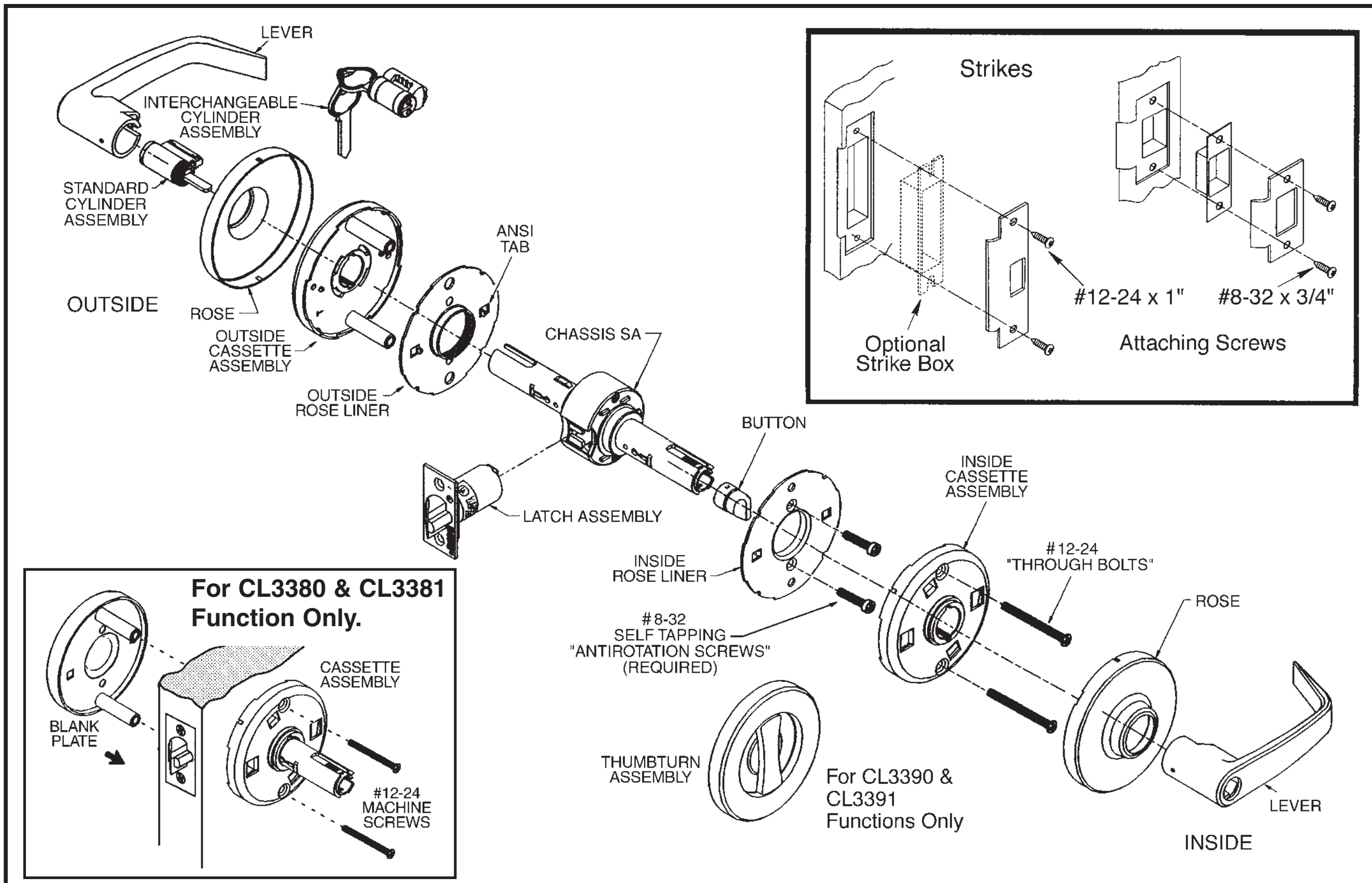
Grade I Key-In-Lever Cylindrical Lockset CL3300 Series

Lever Release
PATENTED LEVER DESIGN
PATENT NO.
4920773

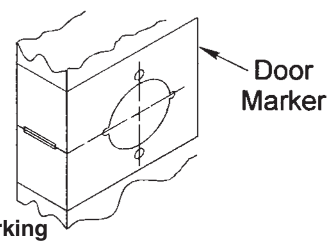
Attention Installer

Please read these instructions carefully to prevent missing important steps, including the sections on antirotation screws and through bolting (Section 7).
Please note: Improper installation may result in damage to the lock and void the factory warranty.

IMPORTANT: The accuracy of the door preparation is critical for the proper functioning and security of this lever handle lock. Misalignment can cause premature wear and a lessening of security.



1 **Mark door.**
Locate and mark horizontal center line at desired height above floor. Fold template over edge of door, centering on horizontal line. Mark centers of holes at proper backset. Mark both sides of the door.



Note:
Be sure to verify backset before marking and drilling door.

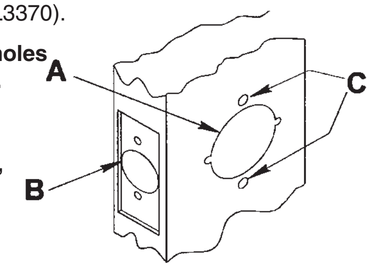
2 **Drill door.**

A. **2-1/8” (54mm) hole thru door.** Cut ANSI tab notches as shown on template (except CL3350 and CL3370).

B. **Drill 1” (25mm) hole in edge of door.** Cut out for latch front 5/32” (4mm) deep. 1-1/8” (29mm) wide x 2-1/4” (57mm) high. Check latch unit for proper width front and square or round corners (except CL3350 and CL3370).

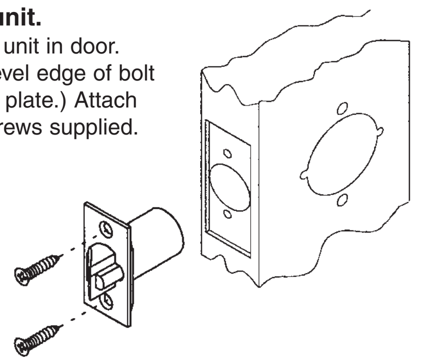
C. **Drill two (2) 5/16” (8mm) Dia. holes through door for all functions.**

Caution:
To avoid splintering wood doors, drill holes from both sides.



3 Install latch unit.

Insert latch unit in door. (Be sure bevel edge of bolt faces strike plate.) Attach with two screws supplied.



4 Remove levers and inside cassette assembly.

Remove both lever handles. Depress lever catch by inserting release tool into lever shank hole. Slide lever off.

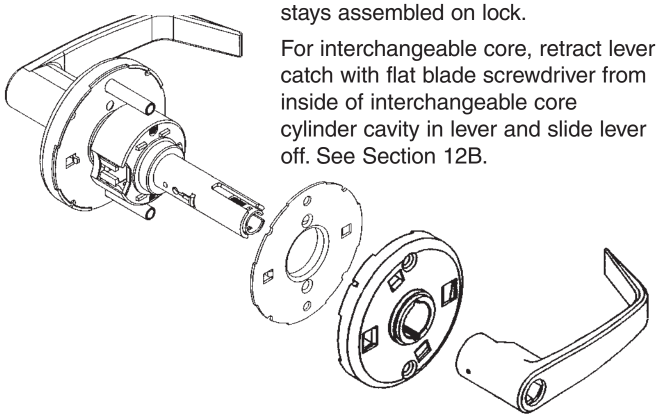
Note: For cylinder functions see Section 12, *"To remove cylinder lever."*

A. For levers with button. While depressing button, insert release tool into lever shank hole and depress lever catch. Slide lever off.

B. Remove inside cassette assembly from lock by depressing lever catch with release tool or flat blade screw driver.

Outside cassette assembly stays assembled on lock.

For interchangeable core, retract lever catch with flat blade screwdriver from inside of interchangeable core cylinder cavity in lever and slide lever off. See Section 12B.



5 Adjust lock to door thickness if other than 1-3/4" (44mm) doors*.

(Lock pre-set from factory for 1-3/4" door). If no adjustment needed, proceed to step 6.

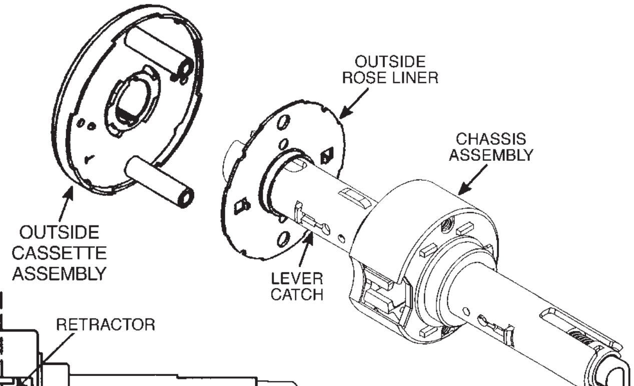
Note: Lockset requires adjustment if door thickness is not exactly 1-3/4". To adjust chassis assembly for door thicknesses other than 1-3/4", see below.

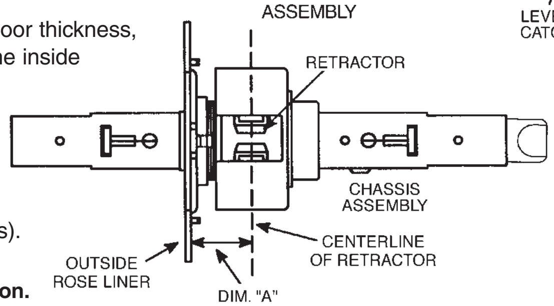
A. Detach outside cassette assembly from chassis assembly by depressing lever catch with release tool or flat blade screwdriver. Slide cassette off.

B. Rotate rose liner to adjust lock to fit door thickness, so that the distance (Dim. "A") from the inside of the liner to the centerline of the retractor is one half of the thickness of the door (see chart).

C. Re-assemble outside cassette assembly onto chassis assembly (except CL3380 and CL3381 functions).

***Note: For doors more than 2", verify lock package is labeled with "D214" option.**





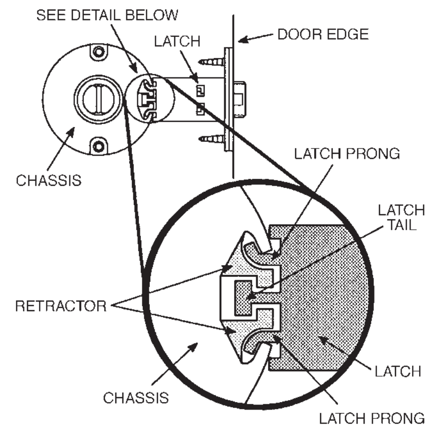
Door Thickness*	"A"
1-3/4"	7/8"
2"	1"
2-1/4"	1-1/8"

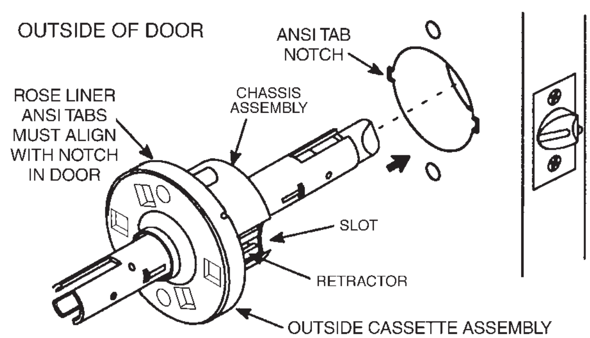
6 Install chassis.

A. Make sure that latch retractor slot in chassis assembly faces front edge of door.

B. From outside, insert assembly into cross bore hole. Be sure that the chassis assembly engages latch prongs and latch tail engages retractor as shown. Rose liner tabs must fit into notches in door.

IMPORTANT: Chassis assembly must be positioned in center of door.





7A Install antirotation screws, rose liner, blank plate and housing for all functions (except CL3390 and CL3391).

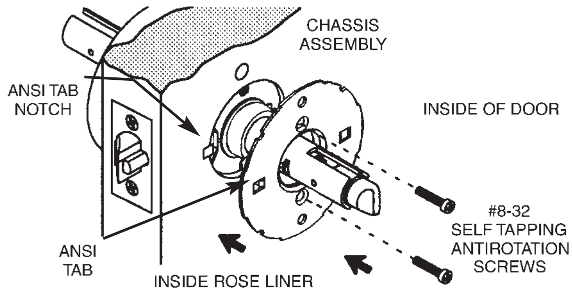
For CL3380 and CL3381 function.

A. Fasten two #8-32 self tapping anti-rotation screws through blank rose plate. Tighten screws securely.

For all other functions.

A. Position inside rose liner toward door as shown and attach onto chassis assembly. Make sure that rose liner ANSI tabs fit horizontally into slots notched in door.

B. Insert two #8-32 self tapping antirotation screws into chassis assembly and tighten hand tight to prevent rose liner from rotating. **Do not overtighten.**

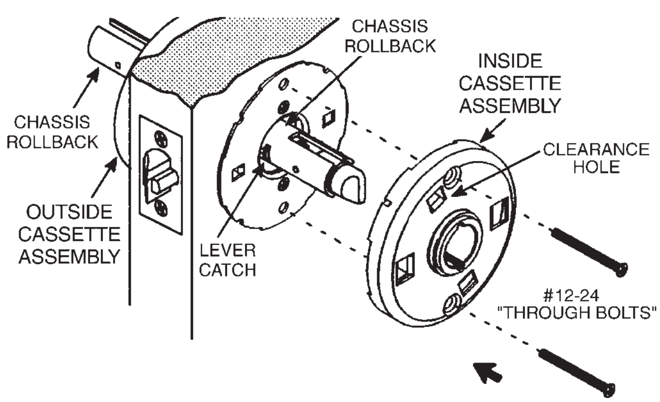


IMPORTANT:
#8-32 Antirotation screws are required for stability. They must be installed for lock to function properly, and to maintain Warranty.

Install Inside Cassette Assembly

For locksets with button:
Depress button and hold in vertical position while sliding cassette assembly over lever catch.

For all locksets:
Attach inside cassette assembly to door. Fasten two #12-24 machine screws through clearance hole in housing. Tighten screws securely.



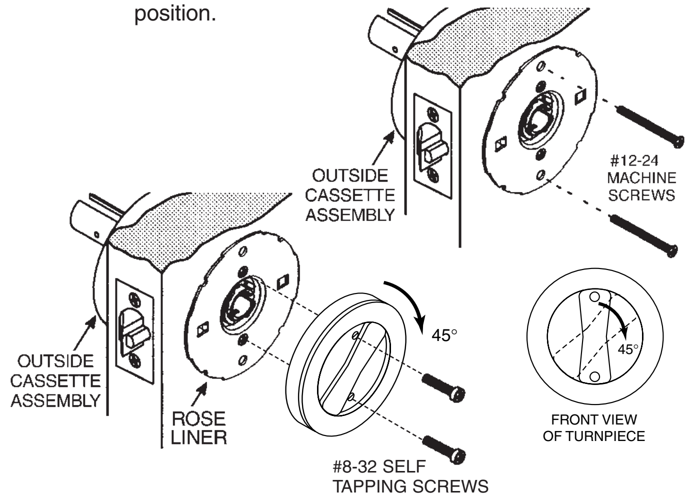
IMPORTANT:
#12-24 Through bolts are required for strength and security of lockset.

7B Install turnpiece and housing. CL3390 & CL3391 functions only.

A. Fasten two #12-24 machine screws through rose liner on turnpiece side of door into cassette assembly. Tighten screws securely.

B. Attach turnpiece to chassis assembly so that tab on backside of turnpiece fits into slot in chassis assembly.

C. Rotate & hold turnpiece at 45° from vertical position to expose screw holes. Fasten two #8-32 self tapping screws through turnpiece into holes in flange. Tighten screws securely. Turnpiece should return to original position.



8

TEST OPERATION: Rotate chassis rollbacks to see that latchbolt moves freely.
DO NOT FORCE.

STOP

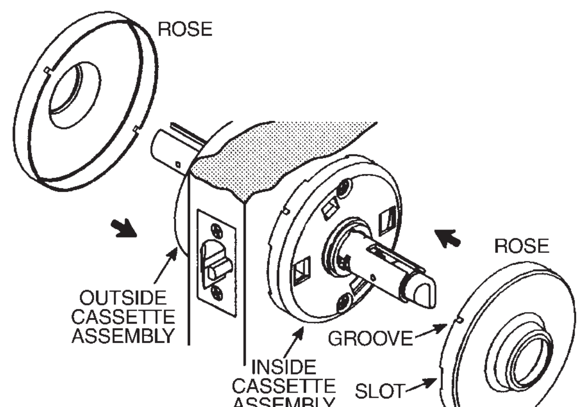
If lockset does not operate properly, remove lockset from door and check door preparation. See Step 6 to re-install lockset.

9 Attach roses.

A. Position roses over housings.

B. Align two grooves on rose sidewalls with two grooves on cassette assembly sidewalls.

C. Press roses firmly onto housings so that grooves snap into notches.



Note: Slots on rose for removal with flat blade screwdriver should be oriented toward edge of door.

10 Install cylinder.

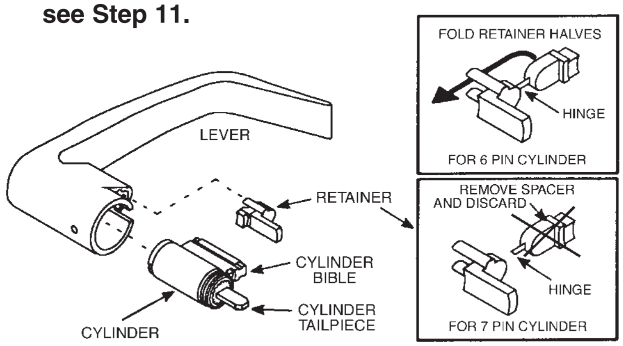
Make sure lock is unlocked.
Note: If no cylinder is to be installed, proceed to Step 11.

A. Make sure cylinder tailpiece is aligned in same direction as cylinder bible. Slide cylinder all the way into lever.

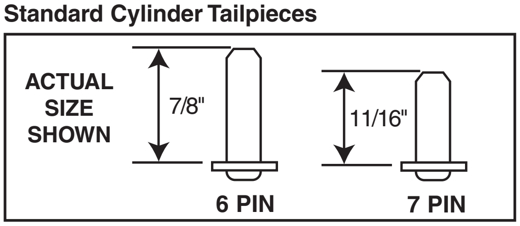
- **For 6-pin cylinder:** Fold retainer at hinge and press fit retainer halves together as shown.
- **For 7-pin cylinder:** Break retainer at hinge and discard spacer section. Also remove black cylinder spacer from inside of chassis rollback for clearance.
- **For interchangeable core cylinders:** Install cylinder (Step 13) after installing lever.

B. **For all cylinders:** Align and position retainer in lever shank with prongs facing toward cylinder. Press cylinder retainer firmly into lever shank securing cylinder.

Note: To replace cylinder and cylinder lever, see Step 11.



Standard Cylinder Tailpieces



11 Install levers.

The lockset must be in the unlocked state when installing levers.

For locksets with button:
Depress lever catch with release tool or flat blade screwdriver while depressing button in vertical position and slide lever on.

For standard cylinder lockset functions:
Insert key and rotate 45°. Depress lever catch with release tool or flat blade screwdriver and push lever onto chassis while keeping key at 45° position.

For CL3352 Intruder Function:
Install lever with "LOCK" text on inside of door.

For interchangeable core cylinder functions:
Slide lever assembly onto chassis up to lever catch. Depress lever catch and push lever assembly until lever catch is engaged.

For all other lockset functions:
Depress lever catch with release tool or flat blade screwdriver and slide lever on.

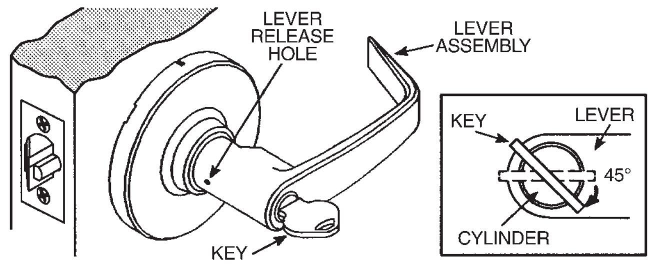
Note: All levers require plastic insert shown in Step 10.

12A To remove cylinder lever. (except interchangeable core)

A. Insert key and rotate 45° in either direction.

B. Depress lever catch by inserting release tool into lever release hole.

C. Slide lever off from lock. (Also applies to inside lever of double cylinder functions).

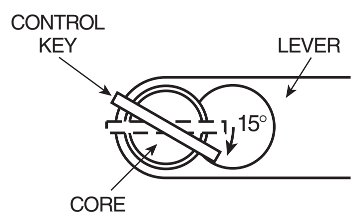


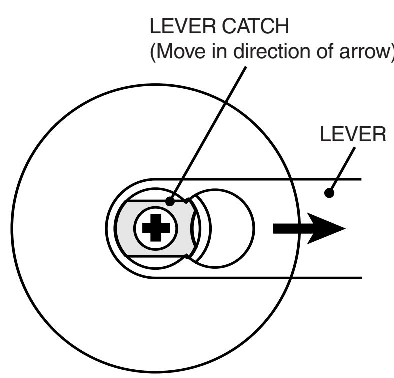
12B To remove interchangeable core lever.

A. Insert key marked CONTROL and turn approximately 15° clockwise.

B. Pull core and driver completely out of lever.

C. Using flat blade screwdriver, in cylinder cavity, pull back lever catch while pulling lever off.

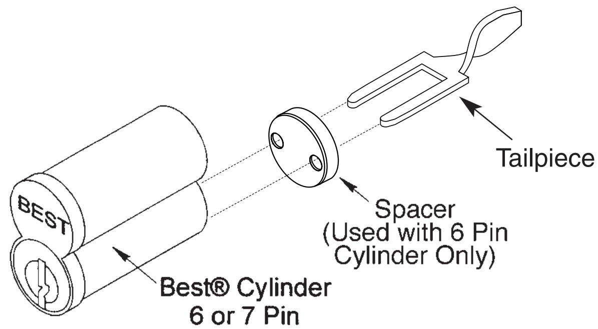


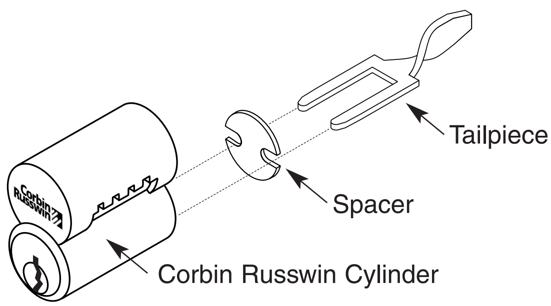


Note: Interchangeable core levers do not have a release hole.

13A **To Install Corbin Russwin and Best® Interchangeable Core.**

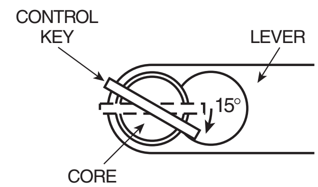
- Slip security disk onto prongs of throw member and insert throw member into two holes in back of core.



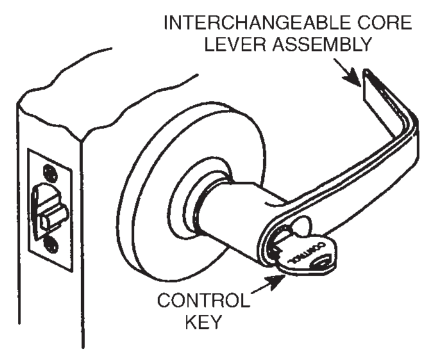


14

- Insert key marked CONTROL and turn cylinder approximately 15° clockwise.

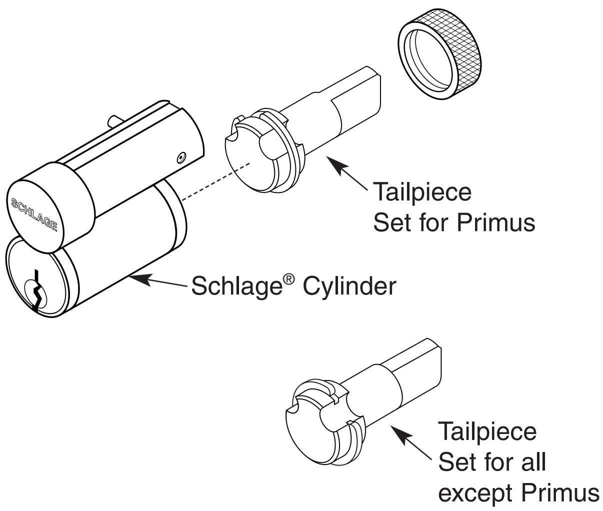


- Insert core into lever and return key to its original horizontal position locking core in place.
- Withdraw key. Test lockset for correct function with operating key.
- Control key has no further use in lockset installation and must be safeguarded for return to building management or security when installation is complete.



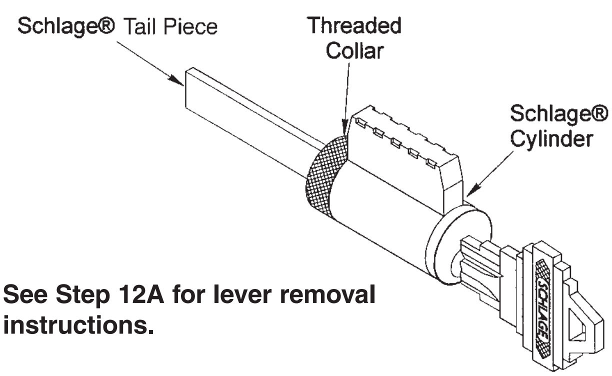
13B **To Install Schlage® Interchangeable Core**

- Remove key from cylinder.
- Unscrew threaded cap from end of cylinder (it will be necessary to depress the locking pin).
- Rotate clip to orientation to expose slot for standard *Schlage* or *Schlage* Primus cylinder.
- Place tailpiece under cap locking pin in open slot.
- Reverse Step 2 to reinstall cap.



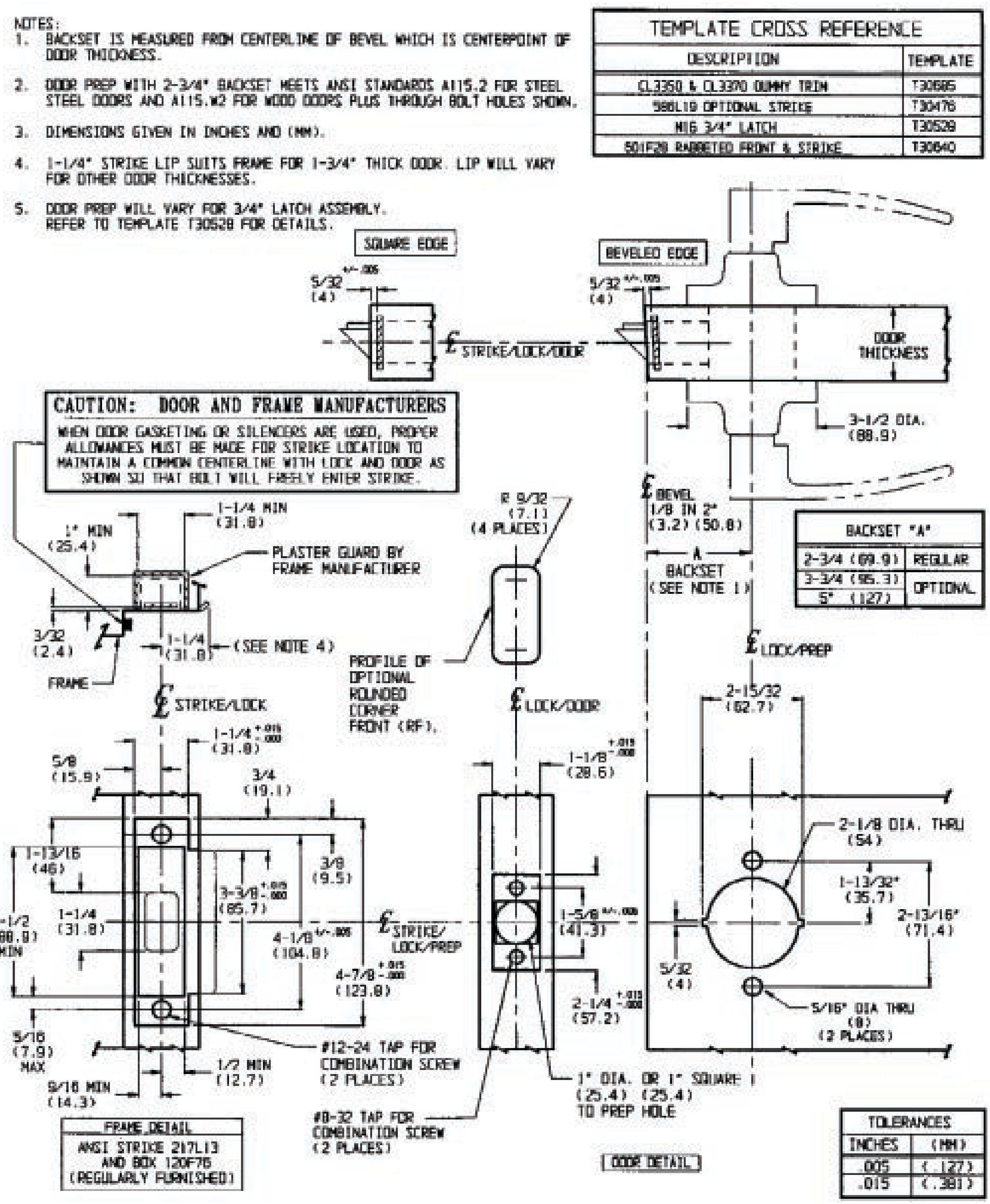
15 **Corbin Russwin conversion kit for Schlage® cylinders with CL3300 lockset.**

1. Remove threaded collar and Schlage® tailpiece.
2. Install CL3300 tailpiece with threaded collar (adjust collar for proper end play of plug).



See Step 12A for lever removal instructions.

Door Manufacturer's Template



CL3300 TROUBLESHOOTING GUIDE

	SYMPTOM	POSSIBLE CAUSE	REMEDY	Instruction Sheet
1	The lockset doesn't seem to function properly when operated before installation.	Testing the lock this way is misleading because the door is a part of the structure of the lock.	Install the lock on door (in unlocked mode) before testing.	
2	The key can be forced past the stop in locks with a 6 pin standard cylinder.	Wrong tailpiece on cylinder.	Install correct CL3300 tailpiece on 6 pin cylinder.	10
3	The interchangeable core lever has no release hole.	The lever is released from inside the interchangeable core cavity.	Remove the cylinder with the control key and activate the catch from inside the lever. WARNING: DRILLING LEVER TO ACCESS LEVER CATCH VOIDS WARRANTY.	14
4	The levers are not at the correct angle, the latch is binding, or the lock is not staying secure.	Antirotation screws not installed, or ANSI tabs bent or cut off.	Remove inside lever, rose, and cassette to verify ANSI tabs and both #8-32 screws are in place.	8A
5	The interchangeable core cylinder is hard to install.	Lever catch is not fully seated in slot in lever.	Verify that the lever is pushed all the way on, and catch is bottomed on on shoulder. WARNING: MODIFYING LEVER CATCH VOIDS WARRANTY.	11
6	The interchangeable core cylinder key is trapped but turns freely, and I cannot remove the lever.	The cylinder was installed in the lever with key rotated 180° out of phase before installing lever.	Drill out cylinder and replace. Follow instructions to install a new lever first, then the cylinder. WARNING: DRILLING LEVER TO ACCESS LEVER CATCH VOIDS WARRANTY.	14
7	The levers are binding on a recently installed lock.	Door improperly prepared for lock, or lock adjusted to wrong door thickness.	Verify door preparation matches supplied template, and lock is adjusted to correct door thickness.	5
8	The inside lever will not come off using the supplied tool.	The release catch is not moving enough.	The Push button must be depressed while pressing the catch to remove lever.	4
9	The lock isn't functioning smoothly, and the case doesn't seem to fit very well around the chassis.	The inside flange is damaged from overtightening the antirotation screws.	Do not exceed 19 in-lbs when tightening antirotation screws.	8A
10	My standard cylinder CL3352 Intruder lockset doesn't seem to work the way it should.	The lock was possibly installed in the locked position.	Remove outside lever, use cylinder to unlock lock, and try again. If the lever still won't go on, turn key in the opposite direction while installing the lever.	10, 11

Notes

For more information regarding Corbin Russwin Locksets, Exit Devices, Door Controls and Key Systems, contact your authorized Corbin Russwin Distributor or Sales Representative.

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